Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of	)	**PS Docket No. 06-229**
	)	
Quarterly Status Report for the Adams County	)	
Communication Center, Adams County,	)	
Colorado, for the development of a 700MHz	)	
Public Safety Broadband Network	)	

I. Introduction

As identified in paragraph 64 of the *Waiver Order* of May 12, 2010, Petitioners must file quarterly reports detailing the progress of system development in three areas; planning, funding and deployment. The following report is the sixth quarterly report and summarizes the efforts of the Adams County Communication Center (ADCOM 911) in this matter during the timeframe of July 20, 2011 to October 19, 2011.

II. Status Report

A. Planning

i. **LTE System Design:** During the time period covered in this report ADCOM 911 made significant progress in the high-level system design. ADCOM 911 worked with its vendors (Raytheon, IP Wireless) to develop a final eNodeB site map as well as the fiber and microwave backhaul design. The initial design of the system contains 15 eNodeB sites throughout the coverage area and based on the initial design the network will cover 99% of the population.

ii. **Interoperability Showing:** ADCOM 911 is currently working with its vendors and the Federal Communications Commission (FCC) to develop the interoperability showing. Once completed, the document will illustrate how the ADCOM 911 system will satisfy all FCC waiver requirements including system interoperability.

iii. **PLMNID:** During the initial testing and development of the network ADCOM 911 intends to use the ATIS test PLMNID that is being used by the Public Safety Communications Research program for its demonstration network. We have been in communication with the PSCR and coordinated on this issue. At such time that we require a final solution for the PLMNID we will request further assistance from the FCC as outlined in the December 10th, 2010 order.

B. Funding

i. ADCOM 911 continues to manage the BTOP grant and work with the NTIA to ensure the project stays on schedule. We are making monthly draws to cover expenses and expending our cash match as required.

C. Deployment

i. As of this report ADCOM 911 has successfully implemented its "Initial Capability" testing. This process was designed to demonstrate the basic functionality of the LTE system and begin to identify the key issues that will need to be addressed while implementing the network. With the initial capability ADCOM 911 has implemented a fully functional Evolved Packet Core (EPC), a single eNodeB and four user devices (USB dongles). ADCOM 911 is able to perform basic authentication and data transfer between the user device and the home network.

ii. **Production Network Development:** At this time ADCOM 911 is receiving much of the production equipment including outdoor cabinets, antennas and other infrastructure. We expect to begin receiving production eNodeB equipment during late 2011 and additional UE devices in 2012.

iii. **Deployment Schedule:** At this time, our high-level deployment schedule is as follows (subject to change):

   i. Receive all production equipment: Late 2011-Early 2012
   ii. Begin eNodeB installation: February-March 2012
   iii. Begin initial site/capacity testing: Mid 2012
   iv. Finish initial eNodeB deployment: Late 2012
   v. Begin System testing: Late 2012
   vi. Final system testing/modifications: Early 2013
   vii. Final system acceptance/production availability: Spring 2013